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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/921,713	08/06/2001	Takayuki Usui	Q65607	8286
7590	06/15/2004	EXAMINER		
SUGHRUE MION ZINN MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, NW Washington, DC 20037-3213			MOHANDESI, JILA M	
		ART UNIT	PAPER NUMBER	3728

DATE MAILED: 06/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	09/921,713	USUI ET AL.
<b>Examiner</b>	<b>Art Unit</b>	
	Jila M Mohandes	3728

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on 22 March 2004.

2a)  This action is **FINAL**.                    2b)  This action is non-final.

3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4)  Claim(s) 8,11,27 and 30 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) 8,11,27 and 30 is/are rejected.

7)  Claim(s) \_\_\_\_\_ is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All    b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. 09/302,259.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3)  Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
    Paper No(s)/Mail Date \_\_\_\_\_  
4)  Interview Summary (PTO-413)  
    Paper No(s)/Mail Date. \_\_\_\_\_  
5)  Notice of Informal Patent Application (PTO-152)  
6)  Other: \_\_\_\_\_

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 8, 27 and 30 are rejected under 35 U.S.C. 102(b) as being anticipated by Kudo (4,992,815). Kudo '815 discloses a printing plate packaging box comprising: a box main body (13) which accommodates a bundle of photosensitive printing plates (11), which are not sealed within a light-shielding wrapper (see Figure 4 embodiment) and which is provided with a supply opening through which the photosensitive printing plates are taken out; an opening/closing lid (12) which is removably attached to said box for opening/closing the supply opening; and a light shielding member (groove portion (13b) and circumferential peripheral edge of lid (14), (see Figure 4 embodiment and column 2, lines 34-38) which prevents direct entry of light from outside into the inside of the box main body, provided in the vicinity of a zone in which the box main body and the opening/closing lid are connected to each other in an assembled state, the light-shielding member (circumferential peripheral edge) being connected to the opening/closing lid such that the light-shielding member blocks the direct entry of light from outside into the inside of the box through the zone in which the box main body and the opening/closing lid are connected to each other in the assembled state.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 8, 27 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kudo (4,992,815). Kudo '815 discloses a printing plate packaging box comprising: a box main body (13) which accommodates a bundle of photosensitive printing plates (11) and which is provided with a supply opening through which the photosensitive printing plates are taken out; an opening/closing lid (12) which is removably attached to said box for opening/closing the supply opening; and a light shielding member (groove portion (13b) and circumferential peripheral edge of lid (14), see Figure 1 embodiment and column 2, lines 34-38) which prevents direct entry of light from outside into the inside of the box main body, provided in the vicinity of a zone in which the box main body and the opening/closing lid are connected to each other in an assembled state, the light-shielding member (circumferential peripheral edge) being connected to the opening/closing lid such that the light-shielding member blocks the direct entry of light from outside into the inside of the box through the zone in which the box main body and the opening/closing lid are connected to each other in the assembled state.

It would have been obvious to one of ordinary skill in the art at the time the invention was made not to wrap the bundle of photosensitive printing plates in a light shielding wrap, since it has been held that omission of an element and its function in

combination where the remaining elements perform the same functions as before involves only routine skill in the art. *In re Karlson*, 136 USPQ 184. The printing plate packaging box of Kudo '815 prevents direct entry of light from outside into the inside of the box irrespective of the light shielding wrap.

5. Claims 8, 27 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dirx (5,893,002). Dirx '002 discloses a printing plate packaging box comprising: a box main body (20) which accommodates a bundle of photosensitive printing plates (27) and which is provided with a supply opening through which the photosensitive printing plates are taken out; an opening/closing lid (42) which is removably attached to said box for opening/closing the supply opening; and a light shielding member (frame 41, see column 4, lines 38-40) which prevents direct entry of light from outside into the inside of the box main body, provided in the vicinity of a zone in which the box main body and the opening/closing lid are connected to each other in an assembled state, the light-shielding member being connected to the opening/closing lid such that the light-shielding member blocks the direct entry of light from outside into the inside of the box through the zone in which the box main body and the opening/closing lid are connected to each other in the assembled state. See Figures (5 and 10 embodiments).

It would have been obvious to one of ordinary skill in the art at the time the invention was made not to wrap the bundle of photosensitive printing plates in a light shielding wrap, since it has been held that omission of an element and its function in combination where the remaining elements perform the same functions as before involves only routine skill in the art. *In re Karlson*, 136 USPQ 184. The printing plate

packaging box of Dirx '002 prevents direct entry of light from outside into the inside of the box irrespective of the light shielding wrap.

6. Claim 11 is rejected under 35 U.S.C. 103(a) as being obvious over either of Kudo '815 or Dirx '002 in view of Lermer (5,495,944). Each of Kudo '815 or Dirx '002 as described above disclose all the limitations of the claim except for a smooth sheet-type material adhered to the outer surface of the packaging. Lermer '944 discloses that it is old and conventional to adhere a sheet-type material of which surface is smooth and airtight to the outer surface of a packaging in order to make it air tight (see column 1, lines 27-30). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to adhere a sheet-type material of which surface is smooth to the outer surface of the packaging of Kudo '815 or Dirx '002 as taught by Lermer '944 in order to make the packaging air tight and prevent the contents from damage.

#### ***Response to Arguments***

Applicant's arguments filed March 22, 2004 have been fully considered but they are not persuasive.

The packaging box of Kudo '815 and/or Dirx '002 will prevent direct entry of light from outside into the inside of the box main body regardless of having an additional internal wrapper or not.

With respect to the environment in which the claimed printing plate packaging box is used, a recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to

patentably distinguish the claimed invention from the prior art. If the prior art structure is capable of performing the intended use, then it meets the claim. In a claim drawn to a process of making, the intended use must result in a manipulative difference as compared to the prior art. See *In re Casey*, 152 USPQ 235 (CCPA 1967) and *In re Otto*, 136 USPQ 458, 459 (CCPA 1963).

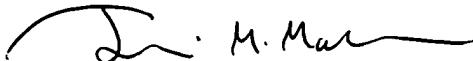
### ***Conclusion***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jila M Mohandes who's telephone number is (703) 305-7015. The examiner can normally be reached on Monday-Friday 7:30-4:00 (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mickey Yu can be reached on (703) 308-2672. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**JILA M. MOHANDESI  
PRIMARY EXAMINER**



Jila M. Mohandes  
Primary Examiner  
Art Unit 3728

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JMM  
June 10, 2004